

CERTIFICATE OF MAILING

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Jan. 28, 2004  
(Date)

Rebecca A. Bellas  
(Type or Print Name of Person Mailing Paper)

Rebecca A. Bellas  
(Signature of Person Mailing Paper)

Docket No. **5008**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: Zhidong Zhu, et al.  
Serial No.: -----  
Filed: HERewith  
For: SPHERICAL CATALYST FOR OLEFIN POLYMERIZATION  
Art Unit: -----  
Examiner: -----

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120: or (c) U.S. Patent(s) and published application(s) since the subject application was filed after June 30, 2003.

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) \_\_\_\_ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) \_\_\_\_ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☒ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).
- (d) ☐ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
- (3) ☐ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063
- (e) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
- (1) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
- (2) ☐ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.

4. Certification (if applicable)

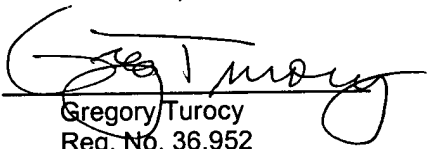
- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

**AMIN & TUROCY, L.L.P.**

By

  
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	
Filing Date	HEREWITH
First Named Inventor	Zhidong Zhu, et al.
Art Unit	----
Examiner Name	----
Attorney Docket Number	5008

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,469,112	10/22/2002	Cheng, et al.	
		US- 5,817,590	10/06/1998	Hasegawa, et al.	
		US- 5,773,537	06/30/1998	Mueller, et al.	
		US- 5,684,173	11/04/1997	Hosake, et al.	
		US- 5,576,259	11/19/1996	Hasegawa, et al.	
		US- 5,489,634	02/06/1996	Hara, et al.	
		US- 5,438,110	08/01/1995	Ishimaru, et al.	
		US- 5,244,989	09/14/1993	Hara, et al.	
		US- 5,194,531	03/16/1993	Toda, et al.	
		US- 5,177,043	01/05/1993	Koyama, et al.	
		US- 4,927,797	05/22/1990	Ewen	
		US- 4,816,433	03/28/1989	Terano, et al.	
		US- 4,784,983	11/15/1988	Mao, et al.	
		US- 4,771,023	09/13/1988	Sasaki, et al.	
		US- 4,829,038	05/09/1989	Hoppin, et al.	
		US- H002060	03/04/2003	Spencer, et al.	
		US- 2002/0035028	03/21/2002	Jing, et al.	
		US- 6,437,061	08/20/2002	Sacchetti, et al.	
		US- 6,407,028	06/18/2002	Sacchetti, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		EP 086 04 52 A1	08/26/1998	Fina Tech, Inc.		
		EP 064 25 37 B1	10/05/1993	Mueller		
		JP 5494590	07/26/1979	Showa Denkou		
		JP 114815	04/24/2001	Idemitsu Petrochem		
		JP114814	04/24/2001	Idemitsu Petrochem		
		JP114813	04/24/2001	Idemitsu Petrochem		

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SignatureDate  
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,323,152	11/27/2001	Sacchetti, et al.	
		US- 5,767,215	06/16/1998	Garoff, et al.	
		US- 5,374,695	12/20/1994	Tanaglia	
		US- 5,346,972	09/13/1994	Duranel, et al.	
		US- 5,247,032	09/21/1993	Kioka, et al.	
		US- 5,204,303	04/20/1993	Korvenoja, et al.	
		US- 4,499,194	02/12/1985	Harada, et al.	
		US- 5,965,478	10/12/1999	Goto, et al.	
		US- 6,630,544	10/07/2003	Klendworth, et al.	
		US- 5,905,050	05/18/1999	Koshinen, et al.	
		US- 4,399,054	08/16/1983	Ferraris, et al.	
		US- 5,221,651	06/22/1993	Sacchetti, et al.	
		US- 6,127,304	10/03/2000	Sacchetti, et al.	
		US- 6,417,132	07/09/2002	Rong, et al.	
		US- 5,523,358	06/04/1996	Hirose, et al.	
		US- 5,500,396	03/19/1996	Martin	
		US- 5,955,396	09/21/1999	Lee, et al.	
		US- 6,075,151	06/13/2000	Hauser, et al.	
		US- 6,627,710	09/30/2003	Sacchetti, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 1 273 595 A1	01/08/2003	Borealis Tech		
		EP 0 018 737	11/12/1980	Mitsui		
		WO 93/11164	06/10/1993	Neste Oy		
		JP 3-140308	06/14/1991	Chisso Corp		

Examiner  
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